

AMENDMENTS TO THE CLAIMS

1-5. (Cancelled)

6. (New) A cooling construction of a transition piece of a gas turbine, wherein:
two protrusion are mounted on said transition piece orthogonally to a main stream direction of said transition piece on a gas turbine inside diameter side thereof and adjacent to an outlet portion of said transition piece; and

a plate having a plurality of holes is installed between said two protrusions, said plate having one end thereof fixed to one of said protrusions and an other end thereof which is left unfixed.

7. (New) A cooling construction of a transition piece of a gas turbine, wherein:
an impingement-cooling plate is fixed at one end thereof in a cantilever state adjacent to an outlet portion of said transition piece on a gas turbine inside diameter side of said transition piece, said impingement cooling plate having an other end which is not fixed and forms a gap with said transition piece; and

a seal seals said gap between the other end of said impingement-cooling plate and said transition piece, said seal comprising an elastic plate.

8. (New) The cooling construction of claim 7, wherein:
said transition piece has a face confronting said impingement-cooling plate, said face having a plurality of cooling holes therein in a row extending across said face perpendicular to the direction of combustion gas flow through said transition piece; and
wherein a central portion only of said transition piece comprises a plurality of rows of said cooling holes.

9. (New) The cooling construction of claim 7, wherein:
a plurality of said transition pieces are provided, said transition pieces having respective transition piece seals; and
end portions of said transition piece seals have protrusions mounted so as to overlap each other.

10. (New) The cooling construction of claim of claim 8, wherein:
a plurality of said transition pieces are provided, said transition pieces having respective transition piece seals; and
end portions of said transition piece seals have protrusions mounted so as to overlap each other.
11. (New) A cooling construction of a transition piece of a gas turbine, wherein:
an impingement-cooling plate is fixed at one end thereof in a cantilever state to a protrusion mounted to said transition piece adjacent to an outlet portion of said transition piece on a gas turbine inside diameter side of said transition piece, said impingement cooling plate having an other end which is not fixed and forms a gap with said transition piece; and
a seal sealing said gap between the other end of said impingement-cooling plate which is not fixed and said transition piece, said seal comprising an elastic plate.